

Analisis Pertumbuhan dan Perkembangan Biji Pala (*Myristica fragrans* Houtt.)

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Abstrak

Tujuan penelitian adalah mempelajari pola pertumbuhan dan perkembangan biji pala (*Myristica fragrans* Houtt.). Parameter yang dipakai adalah diameter, berat basah, berat kering, dan tampilan biji. Buah pala dipetik dengan berbagai ukuran dan dikelompokkan sebanyak dua kali berdasarkan diameter buah, diameter biji, warna kulit buah, warna tempurung biji, dan warna fuli. Hasil penelitian berdasarkan pengukuran diameter, berat basah, dan berat kering biji menunjukkan pola pertumbuhan dan perkembangan biji pala berbentuk sigmoid dan umur biji pala diketahui. Biji yang paling muda diketahui memasuki usia minggu ke-3 dan biji paling tua memasuki usia minggu ke-36. Biji pala mengalami perubahan ukuran dan warna dalam setiap tahap perkembangannya.

Abstract

The aim of this research is to study the growth pattern and development of the nutmeg seed (*Myristica fragrans* Houtt.). The parameters used were diameter, wet weight, dry weight, and seed appearance. Various sizes of nutmeg were picked and grouped twice by fruit diameter, seed diameter, fruit skin color, shell color, and mace color. The results of the study based on the diameter, wet weight, and dry weight of seed showed growth patterns and development of sigmoid shaped nutmeg seed and the nutmeg seed age was known. The youngest seed is known to enter its 3rd week of age and the oldest seed was entering the age of week 36. The nutmeg seed experienced changes in size and color in every stage of its development.

Key words : nutmeg, growth, development